

# Developmental Psychobiology

## Author Index to Volume 30, 1997

- Abedin, M., see Portales, A. L.  
 Alberts, J. R., see Flory, G. S.  
 Atterbury, J. L., see Groome, L. J.  
  
 Baker, M., see Portales, A. L.  
 Beeram, M. R., see Portales, A. L.  
 Bentz, L. S., see Groome, L. J.  
 Bieber, M. L., Kaplan, P. S., Rosier, E., and  
   Werner, J. S.: Sensitizing Properties of  
   Spectral Lights in 4-Month-Old Human  
   Infants, 275  
 Blumberg, M. S., see Sokoloff, G.  
 Brown, R. W., and Kraemer, P. J.: Ontogenetic  
   Differences in Retention of Spatial  
   Learning Tested with the Morris Water  
   Maze, 329  
 Brunelli, S. A., see Shair, H. N.  
 Bruno, J. P., see Sandstrom, M. I.  
  
 Campbell, B. A., see Hunt, P. S.  
 Casey, B. J., Trainor, R., Giedd, J., Vauss, Y.,  
   Vaituzis, C. K., Hamburger, S., Kozuch, P.,  
   and Rapoport, J. L.: The Role of the  
   Anterior Cingulate in Automatic and  
   Controlled Processes: A Developmental  
   Neuroanatomical Study, 61  
 Coe, C. L., and Erickson, C. M.: Stress  
   Decreases Lymphocyte Cytolytic Activity in  
   the Young Monkey Even After Blockade of  
   Steroid and Opiate Hormone Receptors, 1  
 Csányi, V., see Miklósi, Á.  
  
 Daum, M. C., see Moore, C. L.  
 Day, H. D., and Day, K. C.: Directional  
   Preferences in the Rotational Play  
   Behaviors of Young Children, 213  
 Day, K. C., see Day, H. D.  
 deRegnier, R.-A. O., Georgieff, M. K., and  
   Nelson, C. A.: Visual Event-Related Brain  
   Potentials in 4-Month-Old Infants at Risk  
   for Neurodevelopmental Impairments, 11  
 Doussard-Roosevelt, J. A., see Portales, A. L.  
 Dykman, R. A., see Groome, L. J.  
  
 Erickson, C. M., see Coe, C. L.  
  
 Flory, G. S., Langley, C. M., Pfister, J. F., and  
   Alberts, J. R.: Instrumental Learning for a  
   Thermal Reinforcer in 1-Day-Old Rats, 41  
  
 Fox, N. A., see Schmidt, L. A.  
  
 Georgieff, M. K., see deRegnier, R.-A. O.  
 Giedd, J., see Casey, B. J.  
 Gold, P. W., see Schmidt, L. A.  
 Groome, L. J., Mooney, D. M., Holland, S. B.,  
   Bentz, L. S., Atterbury, J. L., and Dykman,  
   R. A.: The Heart Rate Deceleratory  
   Response in Low-Risk Human Fetuses:  
   Effect of Stimulus Intensity on Response  
   Topography, 103  
  
 Hamburger, S., see Casey, B. J.  
 Hartshorn, K., and Rovee-Collier, C.: Infant  
   Learning and Long-Term Memory at 6  
   Months: A Confirming Analysis, 71  
 Hess, M. F., see Hunt, P. S.  
 Hofer, M. A., see Shair, H. N.  
 Holland, S. B., see Groome, L. J.  
 Hunt, P. S., Richardson, R., Hess, M. F., and  
   Campbell, B. A.: Emergence of  
   Conditioned Cardiac Responses to an  
   Olfactory CS Paired with an Acoustic  
   Startle UCS during Development: Form  
   and Autonomic Origins, 151  
  
 Kahana, A., Rozin, A., and Weller, A.: Social  
   Play with an Unfamiliar Group in Weanling  
   Rats (*Rattus norvegicus*), 165  
 Kaplan, P. S., see Bieber, M. L.  
 Kozuch, P., see Casey, B. J.  
 Kraemer, P. J., see Brown, R. W.  
  
 Langley, C. M., see Flory, G. S.  
 Leclair, O. U., see Moore, C. L.  
 Lickliter, R., see Sleight, M. J.  
 Lopez, R., see Portales, A. L.  
  
 Masmela, J. R., see Shair, H. N.  
 McEwen, M. L., Van Hartesveldt, C., and  
   Stehouwer, D. J.: A Kinematic Comparison  
   of L-DOPA-Induced Air-Stepping and  
   Swimming in Developing Rats, 313  
 Miklósi, Á., Pongrácz, P., and Csányi, V.: The  
   Ontogeny of Antipredator Behavior in  
   Paradise Fish Larvae (*Macropodus*  
   *opercularis*) IV. The Effect of Exposure to  
   Siblings, 283  
 Mooney, D. M., see Groome, L. J.

- Moore, C. L., Wong, L., Daum, M. C., and Leclair, O. U.: Mother-Infant Interactions in Two Strains of Rats: Implications for Dissociating Mechanism and Function of a Maternal Pattern, 301
- Nelson, C. A., see deRegnier, R.-A. O.
- Petrov, E. S., see Varlinskaya, E. I.
- Pfister, J. F., see Flory, G. S.
- Pongrácz, P., see Miklósi, Á.
- Porges, S. W., see Portales, A. L.
- Portales, A. L., Porges, S. W., Doussard-Roosevelt, J. A., Abedin, M., Lopez, R., Young, M. A., Beeram, M. R., and Baker, M.: Vagal Regulation during Bottle Feeding in Low-Birthweight Neonates: Support for the Gustatory-Vagal Hypothesis, 225
- Rakover-Atar, S., and Weller, A.: The Influence of Natural Preference for Tactile Stimuli on Appetitive Learning in Rat Pups, 29
- Rapoport, J. L., see Casey, B. J.
- Richardson, R., see Hunt, P. S.
- Rosier, E., see Bieber, M. L.
- Rovee-Collier, C., see Hartshorn, K.
- Rozin, A., see Kahana, A.
- Rubin, K. H., see Schmidt, L. A.
- Sandstrom, M. I., and Bruno, J. P.: Sensitivity to the Motoric Effects of a Dopamine Receptor Antagonist Differs as a Function of Age at the Time of Dopamine Depletion, 293
- Schmidt, L. A., Fox, N. A., Rubin, K. H., Sternberg, E. M., Gold, P. W., Smith, C. C., and Schulkin, J.: Behavioral and Neuroendocrine Responses in Shy Children, 127
- Schulkin, J., see Schmidt, L. A.
- Shair, H. N., Masmela, J. R., Brunelli, S. A., and Hofer, M. A.: Potentiation and Inhibition of Ultrasonic Vocalization of Rat Pups: Regulation by Social Cues, 195
- Simonik, D. K., see Varlinskaya, E. I.
- Sleigh, M. J., and Lickliter, R.: Augmented Prenatal Auditory Stimulation Alters Postnatal Perception, Arousal, and Survival in Bobwhite Quail Chicks, 201
- Smith, C. C., see Schmidt, L. A.
- Smotherman, W. P., see Varlinskaya, E. I.
- Sokoloff, G., and Blumberg, M. S.: Thermogenic, Respiratory, and Ultrasonic Responses of Week-Old Rats across the Transition from Moderate to Extreme Cold Exposure, 181
- Stehouwer, D. J., see McEwen, M. L.
- Stern, J. M.: Trigeminal Lesions and Maternal Behavior in Norway Rats: III. Experience with Pups Facilitates Recovery, 115
- Sternberg, E. M., see Schmidt, L. A.
- Thelen, E., see Vereijken, B.
- Trainor, R., see Casey, B. J.
- Vaituzis, C. K., see Casey, B. J.
- Van Hartesveldt, C., see McEwen, M. L.
- Varlinskaya, E. I., Petrov, E. S., Simonik, D. K., and Smotherman, W. P.: Classical Conditioning in the Fetal Rat with a Long Delay between Presentation of CS and US, 49
- Vauss, Y., see Casey, B. J.
- Vereijken, B., and Thelen, E.: Training Infant Treadmill Stepping: The Role of Individual Pattern Stability, 89
- Weller, A., see Kahana, A.
- Weller, A., see Rakover-Atar, S.
- Werner, J. S., see Bieber, M. L.
- Wong, L., see Moore, C. L.
- Young, M. A., see Portales, A. L.
- Zorrilla, E. P.: Multiparous Species Present Problems (and Possibilities) to Developmentalists, 141

# Developmental Psychobiology

## Subject Index to Volume 30, 1997

- Acoustic startle, 151  
Akinesia, 293  
Ambient temperature, 165  
Amygdala, 127  
Animal play, 165  
Antipredator behavior, 283  
Appetitive learning, 29  
Attention, 61  
Avoidance, 283  
  
Behavior asymmetry, 213  
Behavioral inhibition, 127, 195  
Body weight, 165  
Bradycardia, 151  
Brown fat, 181  
  
Cardiac orienting reflex, 103  
Children, 213  
Cingulate, 61  
Circling, 213  
Cis-flupentixol, 293  
Classical conditioning, 49  
Contact comfort, 195  
Contact-comfort, 29  
Context, 71  
Coordination, 313  
Cortisol, 1  
Cross-foster, 301  
Cue, 71  
  
D1, 293  
D2, 293  
Delayed recognition, 71  
Development, 61, 151, 195, 293  
L-DOPA, 313  
Dopamine, 293  
Dynamic systems, 89  
  
Event-related potentials, 11  
  
Fear, 127, 195  
Feeding, 225  
Fetus, 49  
Fish larvae, 283  
Forgetting, 71, 329  
  
Grooming, 115  
  
Habituation, 275  
Handedness, 213  
Heart rate variability, 225  
Heart rate, 151, 225  
High-risk infant, 11  
Human fetus, 103  
Human infant, 71  
  
Infancy, 1  
Infant color vision, 275  
Infants, 89  
Infraorbital denervation, 115  
Instrumental conditioning, 41  
Intersensory functioning, 201  
Isolation, 195  
  
Kinematics, 313  
  
Laryngeal breaking, 181  
Laterality, 213  
Learning, 89  
Locomotion, 293, 313  
Low birthweight, 225  
  
Maternal behavior, 301  
Maternal effects, 301  
Methodology, 141  
Milk, 49  
Morris water maze, 329  
Motor development, 89  
Multiparous species, 141  
  
Natural killer activity, 1  
Natural preference, 29  
Neonatal rats, 313  
Neonate, 181  
Neonates, 41, 225  
Nursing behavior, 115  
  
6-OHDA, 293  
Olfactory cs, 151  
Ontogeny, 29, 313, 329  
Operant conditioning, 71  
Operant response, 41  
Optimal stimulation, 201  
  
Parasympathetic nervous system, 151

- Pavlovian conditioning, 41, 151
- Perceptual development, 201
- Perinatal, 11
- Plasticity, 293
- Postweaning, 165
- Potentiation, 195
- Pup licking, 115
- Pup retrieval, 115
  
- Rat pups, 29
- Rat, 181, 195
- Rats, 41, 141, 151, 165
- Rattus norvegicus, 115
- Reactivation, 71
- Recovery of function, 115
- Reliability, 141
- Reproductive success, 301
- Respiration, 181
- Respiratory sinus arrhythmia, 225
- Retention, 71
- Rotational movements, 213
  
- Salivary cortisol, 127
- Sensitivity, 141
- Sensitization, 275
- Separation, 1
- Sexual behavior, 301
  
- Shyness, 127
- Spatial learning, 329
- Spatial memory, 329
- Specificity, 71
- Spiral movement, 213
- Squirrel monkey, 1
- Startle, 127
- Strain differences, 301
- Stress, 1
- Study design and analysis, 141
  
- Tachycardia, 151
- Tactile stimuli, 29
- Temperament, 127
- Thermal reinforcer, 41
- Thermoregulation, 181, 195
- Turning, 213
- Two-stage sampling, 141
  
- Ultrasonic vocalization, 195
- Ultrasound, 181
  
- Vagal tone, 225
- Violation of statistical assumptions, 141
  
- Weaning, 293
- Within-litter analysis, 141

